

In The Abstract

Please amend the Abstract of Disclosure as follows:

Abstract of the Disclosure

~~Densification of ceramic materials using electromagnetic super high frequency waves, as well as vessel for performing the method~~

A ~~M~~method for manufacturing ceramic parts with a certain porosity by sintering using microwaves, the materials to be sintered being arranged in a vessel, wherein

~~characterized in that~~

–the microwaves introduce sintering energy into the materials to be sintered via electromagnetic waves in the range of vacuum wavelengths between 5 cm – 20 cm in multimode having an electromagnetic power of up to one kilowatt, and

–besides being built from primary materials for the structure of the vessel, the vessel is built from a secondary material which comprises, in particular, a mixture of or mixed crystals of non-metallic, para-, ferro- or antiferromagnetic materials.

(Fig. 2)